

REQUIRED SIGNATURES

Harbormaster or Town Official Signature

I have reviewed this license application and find that this activity, as proposed, will not unreasonably interfere with navigation, the ingress and egress of riparians within 300' of the license site, or fishing or other uses of the area.

Paul Plummer, Harnswell, Harbormaster

Print Name, Town, Title:

June 10, 2020

Date

Signature of Harbormaster or Town Official

DMR Rule Chapter 2.90 (2) (D) (2) – In municipalities not served by a harbormaster, a municipal officer (selectman, councilor, alderman, or mayor, see 30-A MRS §2001 (10)) or other **elected municipal official may sign the application. For the unorganized territory where a harbormaster does not have jurisdiction, a marine patrol officer may sign.*

OTHER SIGNATURES REQUIRED AS NOTED BELOW

Marina or Pound Owner

(For sites in marina slips, lobster pounds, and similar areas - see DMR Rule Chapter 2.90 2 (E)(1))

I, _____ (print name), am the owner or the authorized representative of the owner or entity that has the legal authority to restrict access to or use of the marina slip, lobster pound, or similar area where this LPA license site is located, as described in DMR Rule Chapter 2.90 (1) (B). I consent to the placement of aquaculture gear on this site as proposed in this application.

Signed: _____ Date: _____

Riparian Landowner of Intertidal Zone:

(For sites above mean low water, MLW – see DMR Rule Chapter 2.90 (2)(D)(3)(b))

I, _____ (print name), am the riparian owner of the upland and adjacent intertidal land where this LPA license site is located. I consent to the placement of aquaculture gear on this site as proposed in this application.

Signed: _____ Date: _____

Shellfish Committee Chair

(For sites above extreme low water, XLW see DMR Rule chapter 2.90(2)(D)(3)(a). Only required in municipalities with an established Municipal Shellfish Committee)

I, _____ (print name), am the chairperson of the Municipal Shellfish Management Committee for the Town of _____. This LPA license site is located above the extreme low water mark. My signature below verifies that this LPA will not unreasonably interfere with the activities of the municipal shellfish management program, according to DMR Rule Chapter 2.90 (3) (a).

Signed: _____ Date: _____

Riparian Notification

Is there shorefront land (including land above MLW and state and federal owned land) within 300 feet of the proposed license site?

☐ Yes ☒ No

If yes, you are required to send a copy of your application to all riparian property owners whose property is within 300 feet of the proposed license site following the directions below. If there is no shorefront land within 300 feet, you may skip this section. Applications for LPA sites in marina slips, lobster pounds, and similar sites are exempt from this requirement.

INSTRUCTIONS FOR NOTIFICATION TO RIPARIAN LANDOWNERS

Step 1, Tax Map: Obtain a certified copy of the municipal tax map showing the land in the vicinity of the lease site. On the map, **mark** the center point of the LPA site. If there is an accurate scale on the map, **draw** a 300-foot radius around the site. **ATTACH THE MAP TO YOUR APPLICATION**

NOTE FOR LPAs PROPOSED IN UNORGANIZED TERRITORY: To obtain a list of shorefront properties for LPAs in Unorganized Territory, contact Lisa Whynot, Property Appraiser II, Unorganized Territory, 24 State House Station, Augusta, Maine, 04333.

Step 2, Riparian Owners List: On the "Certified Riparian List" (Page 17 below), list the names and current mailing addresses of all riparian landowners of shorefront land within 300 feet of the lease site as shown in the municipal tax records. **Have the list certified by the municipal clerk or tax collector. ATTACH THIS LIST TO YOUR APPLICATION**

Step 3, Notify Riparians: Send a copy of the completed application, including the page of this application titled "Notice to Riparian Landowners" (Page 16 below), via **certified mail** to all the riparian landowners on the list. Note: Name and address must be filled out on receipt(s). **ATTACH THE ORIGINAL (OR COPIES) OF THE RECIEPTS TO YOUR APPLICATION**

[THIS SECTION INTENTIONALLY BLANK]

GENERAL INFORMATION

Name of Applicant (must be a person): SEAN N. HALL

Address: 4 BEALS COVE ROAD

City: ORR'S ISLAND County: CUMBERLAND

State: MAINE Zip: 04066

Telephone: (207) 833-2350 Email address: MAINESEAWEED@gmail.com

Date of Birth: 06/02/'65 (Must be minimum of 14 years old to apply)

Are you listed as an assistant on any existing LPA licenses? If yes, please list them (LPA Acronym):
NO

Do you have any other current LPA licenses? If yes, please list them (LPA Acronym):
NO

Assistants: (1) CHUCK RICHTER (2) WALTER LEEMAN
(3) MASON SMITH

Location of license site: Town: HARPSWELL County: CUMBERLAND

Water body: CASCO BAY

Additional description (e.g., south of Hog Island): EAST OF POND ISLAND

Is this site above Mean Low Water (is the site intertidal)? ☐ YES ☒ NO

If no above, is this site above Extreme Low Water (does the site ever drain)? ☐ YES ☒ NO

NOTE: If the site is above XLW OR MLW the Chair of the Municipal Shellfish Management Committee in your site town must sign page 14 of this application.

LPA Health Zone #: 5

NOTE: More information on LPA Health Zones can be found on MDMR's website.

Purpose (Check one):

- ☒ Commercial (product is ultimately sold)
- ☐ Recreational (product kept for personal use, not sold)
- ☐ Municipal Shellfish Management
- ☐ Scientific
- ☐ Educational

Species and Source of Stock: Check each species you intend to cultivate in the current license year. Also, list the source of stock for each. New species can be added in subsequent annual renewals. Note: Any seed that does not come directly from an approved hatchery is considered "wild" seed and must come from within the LPA License Health Area in which your license is located. If seed or stock is to be acquired from outside of your LPA Health Area you must obtain a transfer permit from DMR. * Clams may only be sourced from an approved hatchery, unless a special license is issued by DMR.

Check Here	Species	Source of Stock (Name, Address, Phone) SPRINGTIDE SEAWEEED, LLC 14 FACTORY RD. GOULDSBORO, ME 04607 (207) 387-0445	Approved Hatchery	"Wild", Same LPA Health Area	"Wild", Different LPA Health Area (Transfer Permit Required) *
<input type="checkbox"/>	Blue mussel (<i>Mytilus edulis</i>)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Hard clam/quahog (<i>Mercenaria mercenaria</i>)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Soft-shelled clam (<i>Mya arenaria</i>)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	American or eastern oyster (<i>Crassostrea virginica</i>)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	European oyster (<i>Ostrea edulis</i>)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Sea scallop (<i>Placopecten magellanicus</i>) (Adductor mussel only for harvest)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Green sea urchin (<i>Strongylocentrotus droebachiensis</i>)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Bay scallop (<i>Aequipecten irradians</i>)(Adductor mussel only for harvest)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Marine algae (all seaweeds, including kelp)	SKINNY KELP List each individual marine algae species and sources of stock here: SPRINGTIDE SEAWEEED, LLC 14 FACTORY RD. GOULDSBORO, ME 04607	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

***If your source of stock is not from an approved hatchery and is outside of your LPA Health Area, please contact Marcy Nelson at DMR for a transfer permit prior to placing anything on your LPA site. Marcy.Nelson@Maine.gov or 207-633-9502.**

Do you intend to possess, transport, or sell whole or roe-on scallops? ☐ Yes ☒ No

If you answered "yes" please contact the Bureau of Public Health at DMRPublicHealthDiv@maine.gov to discuss your plans.

Coordinates: Enter geodetic coordinates for the center point of the license site below. Please enter your coordinates **in one of the following three formats:**

- 1) *Degrees, Minutes, Seconds* (43° 12' 34.56" N, 69 12' 34.56" W)
- 2) *Degrees, Minutes* (43° 12.34' N, 69° 12.34' W)
- 3) *Decimal Degrees* (43.123456 N, -69.123456 W)

Latitude: 43.730356° N

Longitude: -69.962878° W

Water Quality: Pollution Area (e.g. "19-A"): 17-C Pollution Area Section # (e.g. "B.2" . or "none"): NONE

Water Quality Classification: OPEN / APPROVED

If you are applying in a prohibited area, site can be utilized for seed only per DMR Rule 2.90(3)(d)(3). Please check box to indicate understanding and agreement. ☐

(Go to <http://www.maine.gov/dmr/shellfish-sanitation-management/closures/pollution.html> for information)

Eagle's nest: Is there an eagle's nest within 660 feet (200 m) of the LPA? ☐ Yes ☒ No

If yes, contact Erynn.Call@maine.gov What restrictions does MDIF&W suggest for your proposed activities at this location?

N/A

Description of License Site (in sentence form, describe the site below):

Surrounding uplands (i.e. forested, residential, farmland, commercial):

THE PROPOSED LPA SITE IS EXPOSED TO OPEN WATER TO THE S.W. AND IS PROXIMAL TO SOME SMALL ISLANDS & LEDGES TO THE EAST & WEST. THE NEAREST BEING POND ISLAND ~ 2000 FT TO THE WEST. POND ISLAND IS UNOCCUPIED & DOMINATED BY SHRUB-LIKE VEGETATION W/ FEW MATURE TREES.

Bottom characteristics (description of substrate including flora and fauna):

THE BOTTOM OF THE PROPOSED LPA SITE IS ROCKY WITH VARYING TOPOGRAPHY & IS INHABITED BY MARINE ORGANISMS TYPICAL OF NEAR-SHORE WATERS, INCLUDING VARIOUS FINFISH, & INVERTEBRATES. LOBSTER & CRAB ARE COMMON IN SUMMER MONTHS IN WATERS ADJACENT TO PROPOSED SITE, BUT ARE FAR LESS COMMON DURING THE KELP GROWING SEASON.

Depth at mean low water in feet: 23.3'

Depth at mean high water in feet: 33'

Eelgrass: Are there eelgrass beds on or near the site? If none, write "None." If so, where? How far are they from the site?

NONE

When were these eelgrass observations made? Month and Year: N/A

Existing Uses: Describe, ***in detail***, all current uses of the waters on and around the proposed license site. ***Including the type, frequency, season, duration, and amount of activity as well as distance from proposed site:***

Commercial Fishing: LOBSTERING IS COMMON IN THE WATERS

ADJACENT TO THIS PROPOSED LPA SITE DURING THE SUMMER ~ JUNE - OCT

Recreational Fishing: SOME RECREATIONAL FISHING MAY OCCUR

ADJACENT TO THIS PROPOSED SITE DURING THE SUMMER MONTHS

Boating: RECREATIONAL BOATING MAY OCCUR ADJACENT

TO THIS PROPOSED LPA SITE DURING THE SUMMER.

Other Uses: NONE KNOWN AT THIS TIME

Harbormasters Initials indicating the "existing uses" information is correct: JPP

VICINITY MAP

Attach a vicinity map showing the LPA site and surrounding area. An enlargement of a NOAA chart or USGS Topographic map is suggested to provide this information. On the map, show the following:

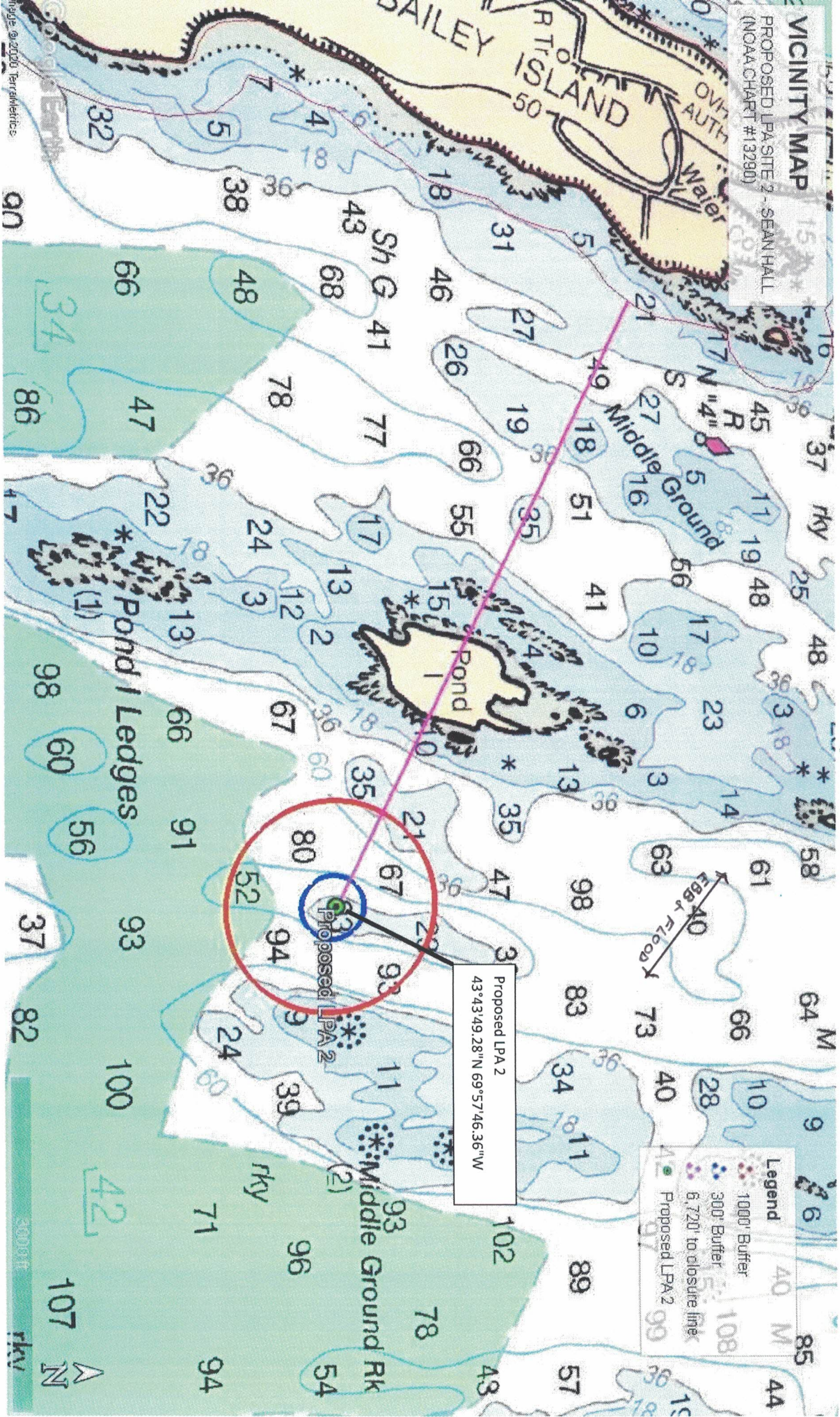
- Location of proposed site
- 300' radius circle around site
- 1,000' radius circle around site
- North Arrow (indicate true or magnetic north)
- Show depth contours and indicate mean low water (MLW) and mean high water (MHW) on all land adjacent or nearest the site.
- Ebb and Flood directions
- Scale used on plan
- Distance to DMR water quality closure lines
- Gear orientation

Label the location on your vicinity map, and check each of the following below, that are within 1,000 feet of the site. For each that applies, also indicate how your proposed site would impact each, and approximate distances from proposed site. If additional space is needed add an additional page.

- ☐ Federal navigation projects or anchorages
☐ Navigational channels
☐ Structures
☐ Aquaculture leases or licenses (LPAs)
☐ Anchorages or moorings
☐ State or federal beaches
☐ Docking Facilities
☒ None of the above

VICINITY MAP

PROPOSED LPA SITE 2 - SEAN HALL
(NOAA CHART #13280)



Proposed LPA 2
43°43'49.28"N 69°57'46.36"W

- Legend
- 1000' Buffer
- 300' Buffer
- 6,720' to closure line
- Proposed LPA 2

ORIENTATION OF GEAR WILL BE
~ SSW TO NNE END-TO-END, AND
WILL FOLLOW TOPOGRAPHY OF
UNDERWATER RIDGE AT SITE.

GEAR DESCRIPTION

No Gear (bottom culture only): Organisms will be cultured on the bottom with no gear or predator netting.

Upweller: Floating upweller system for spat growout.

Shellfish rafts, associated predator nets and spat collectors: Floating raft with suspended dropper lines and anti-predator netting typical of mussel culture. E.g. mussel raft.

Shellfish tray racks and over wintering cages: Box shaped cages made of rigid mesh (wire coated or plastic), often with interior shelves designed to hold soft mesh bags. Tray racks are often outfitted with floats that double as feet to hold the cages off the bottom. E.g. OysterGro and OysterRanch cages.

Soft bags, semi rigid bags, and/or floating trays: Single-layer soft mesh bags that are typically made of rigid plastic or wire mesh. Bags are most frequently floated on the surface in lines, placed inside tray racks/overwintering cages, or sunk to the bottom.

Lantern nets and/or pearl nets: A lantern net is a five or ten tier set of circular nets suspended from a central line. A pearl net is a single, pyramidal mesh enclosure.

Fencing and brushing: Gear used in the intertidal zone for collection of soft shell clam spat.

Scallop spat collector bags: Mesh bags containing additional material (e.g. smaller mesh, Brillo pads) to increase surface area. Multiple bags are typically attached to a single vertical line.

Scallop ear hangers: Horizontal or vertical lines that attach to individual scallops by ear hangers.

Marine algae gear: Gear typically used may include rope, rafts with ropes attached, bags, longlines, and or rope grids.

Bottom anti-predator netting: Netting that is spread over the bottom to exclude predators from species being cultured.

Check each gear category that you are seeking authorization for.

- ☐ No Gear (bottom culture only)
- ☐ Upweller
- ☐ Shellfish rafts, associated predator nets and spat collectors
- ☐ Shellfish tray racks and over wintering cages
- ☐ Soft bags, semi rigid bags, and/or floating trays
- ☐ Lantern nets and/or pearl nets
- ☐ Fencing and brushing
- ☐ Scallop spat collector bags
- ☐ Scallop ear hangers
- ☒ Marine algae
- ☐ Bottom anti-predator netting

LIST EACH INDIVIDUAL GEAR TYPE THAT YOU WILL USE IN THE TABLE BELOW

Specific Gear Type and Maximum Number to be used (e.g. (20) soft mesh bags)	Dimensions (e.g. 16"x20"x2")	Dates that gear will be in the water
SUSPENDED LONGLINE WITH DEPTH CONTROL BUOY AND SINKER GEAR	1' x 400'	15 SEPTEMBER - 1 JUNE

Outer dimensions of maximum gear layout:

Width (1' or more): 1' Length (1' or more): 400'

Note: Gear, excluding mooring equipment, may not exceed 400 square feet and must be provided in whole feet.

Moorings: Describe the tackle to be used inclusive of mooring type, poly line, bottom tackle, etc.

1500# CONCRETE BLOCK, 3/8" BOTTOM CHAIN, 1/2" DACRON LINE TO POLY BALL MOORING BUOY. LATERAL LONGLINE OF 1/2 SINKER NYLON W/ HARD FOAM PUT BUOYS AND SINKERS TO MAINTAIN ~7' DEPTH.

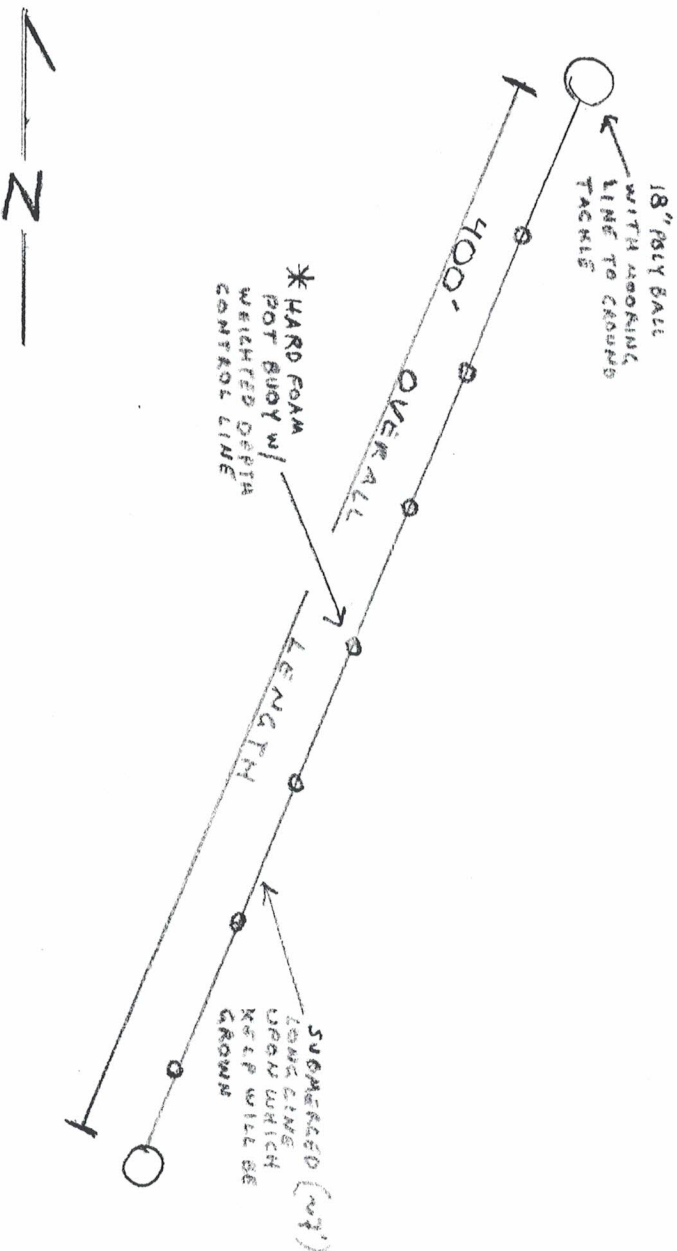
Overwintering: Will gear remain on the site during the winter?

☒ Yes ☐ No

Describe the changes between growing season and overwintering, if any.

NO CHANGE DUE TO WINTER GROWING SEASON.

OVERHEAD VIEW OF PROPOSED LPA SITE FOR SEAN HALL
 ~ CENTER OF PROPOSED SITE: 43.730356°N, -69.962878°W



* NUMBER OF BUOYS AND
 DEPTH CONTROL LINES
 WILL VARY WITH
 BUOYANCY NEEDS

NOT DRAWN TO SCALE

ONE SINGLE GEAR SET OF THIS
 TYPE WILL BE USED AT THIS PROPOSED
 SITE.
 DEPICTED CONFIGURATION REPRESENTS
 OVER-WINTER DRY-DOWN WINTER SET-UP
 AS KEMP IS A WINTER CROP.



Town of Harpswell, Maine
INCORPORATED 1758
MARINE RESOURCES & HARBOR MANAGEMENT
P.O. BOX 39
HARPSWELL, MAINE 04079
TELEPHONE 207-833-5771 FAX 207-833-0058

Paul Plummer
Harbormaster &
MR Administrator

Date: June 10, 2020

To: Maine Department of Marine Resource Aquaculture Division

Cc: Sean Hall

Re: Sean Hall LPA's

Department of Marine Resources,

It is the opinion of my office that the two proposed LPA's by Sean Hall will not unreasonably interfere with navigation. The applicant has stated that he is familiar with the area and does not believe it will unreasonably interfere with commercial fishing activities. However, this is not something that I can confirm or deny as I am not frequently in this area.

As part of the local process, aquaculture applications are emailed out to anyone who wants to be on the receiving list. I received one comment back from a commercial fisherman, which is listed below.

On May 6, 2020, at 7:54 PM, catlinshore@netzero.net wrote:

- The application is incorrect. Lobstering in that area is year round.***

Respectfully Submitted,

Paul Plummer HM/MRA